

PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY

I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated next to my name in PART A of page 2 hereof.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first, and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention entitled ENZYMATIC DNA MOLECULES

the specification of which:

_____ is attached hereto

X was filed on April 29, 1998 as Application Serial No. PCT/US98/08677

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed in PART B on page 2 hereof and have also identified in PART B on page 2 hereof any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed in PART C on page 2 hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

Douglas A. Bingham Reg. No. 32,457

Emily Holmes

Reg. No. 40,652

Thomas Fitting Reg. No. 34,163

Thomas E. Northrup

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whose mailing address for this application is:

THE SCRIPPS RESEARCH INSTITUTE

10550 North Torrey Pines Road, Mail Drop: TPC-8

La Jolla, California 92037

See Page 2 attached, signed, and made a part hereof.

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PART A: Inventor Information And Signature

Full name of SOLE or FIRST inventor Gerald F. Joyce
 Citizenship US Post Office Address 837 4th Street
Encinitas, California 92024
 Residence (if different) _____

Inventor's Signature: _____ Date: _____

Full name of SECOND inventor Ronald R. Breaker
 Citizenship US Post Office Address _____
 Residence (if different) _____

Inventor's Signature: _____ Date: _____

Full name of THIRD joint inventor, if any _____
 Citizenship _____ Post Office Address _____
 Residence (if different) _____

Second Inventor's Signature: _____ Date: _____

Full name of FOURTH joint inventor, if any _____
 Citizenship _____ Post Office Address _____
 Residence (if different) _____

Second Inventor's Signature: _____ Date: _____

Full name of FIFTH joint inventor, if any _____
 Citizenship _____ Post Office Address _____
 Residence (if different) _____

Fifth Inventor's Signature: _____ Date: _____

PART B: Prior Foreign Application(s)

Serial No.	Country	Day/Month/Year Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No

PART C: Claim For Benefit of Filing Date of Earlier U.S. Application(s)

Serial No.	Filing Date	Status:
60/045,228	4/29/97	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

See Page 1 to which this is attached and from which this Page 2 continues.